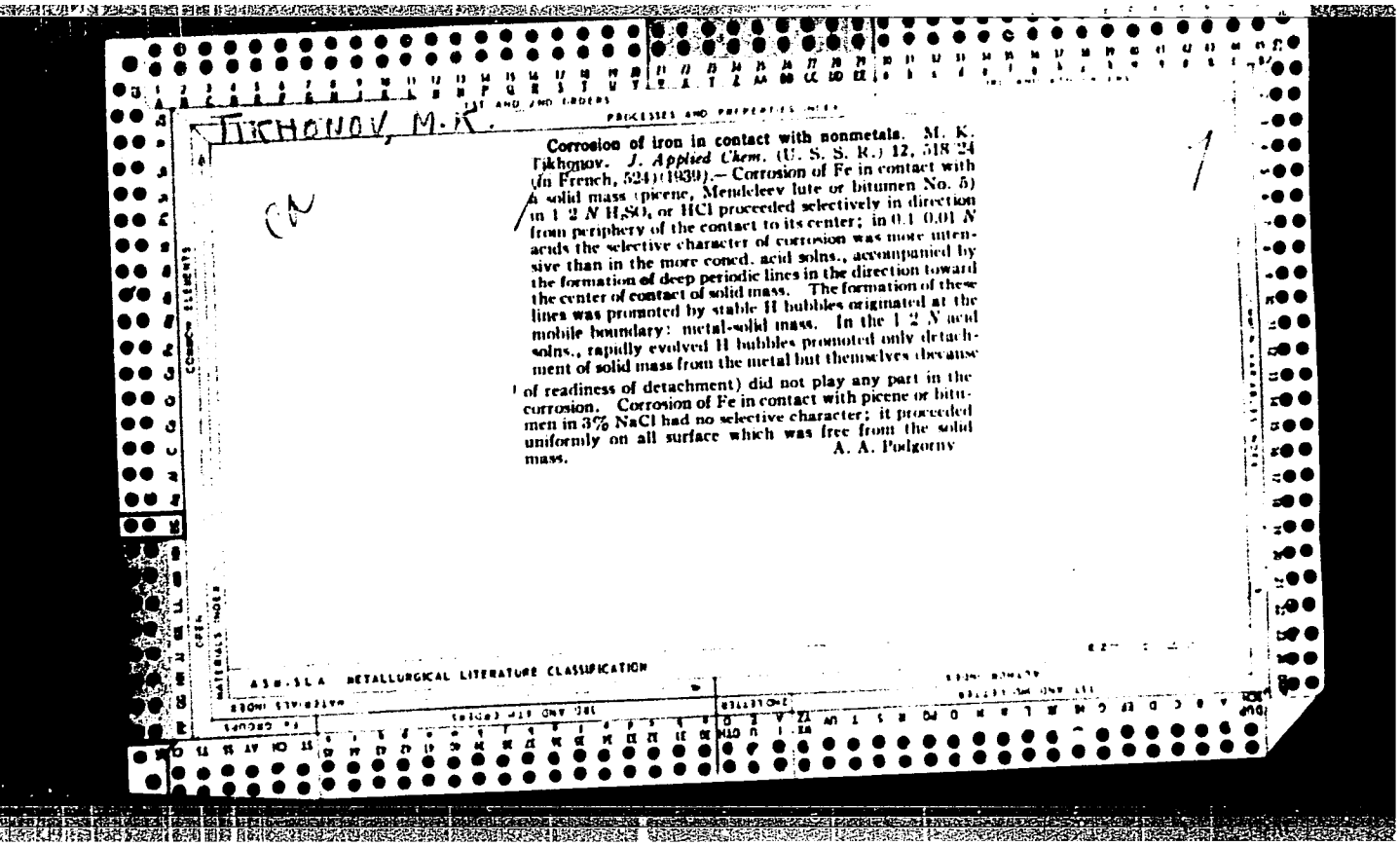
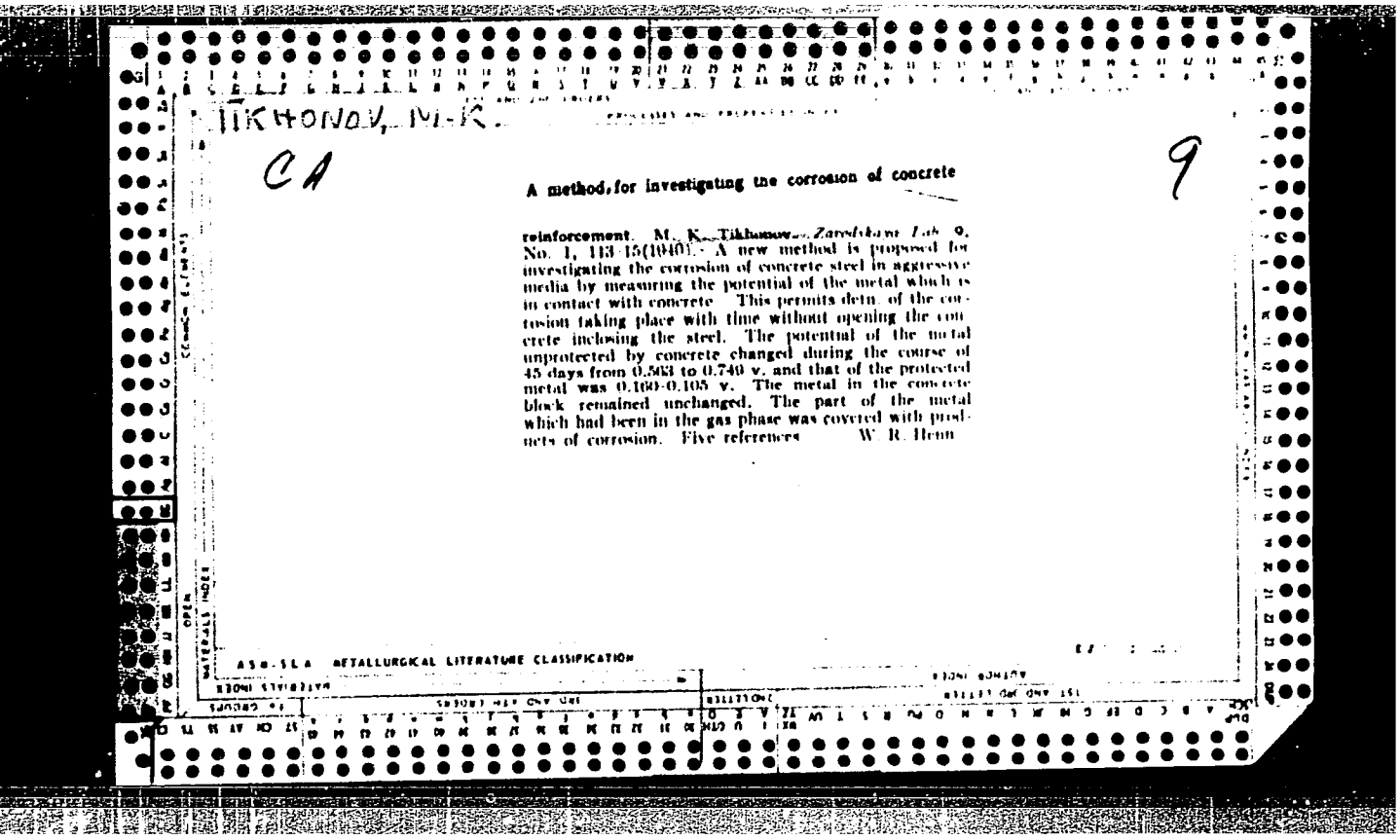


TIKHONOV, M.K.

Corrosion of iron in contact with nonmetals. M. K. Tikhonov. *J. Applied Chem.* (U. S. S. R.) 12, 518-24 (in French, 524)(1939).— Corrosion of Fe in contact with a solid mass (picene, Mendeleev lute or bitumen No. 5) in 1-2 *N* H_2SO_4 or HCl proceeded selectively in direction from periphery of the contact to its center; in 0.1-0.01 *N* acids the selective character of corrosion was more intensive than in the more concd. acid solns., accompanied by the formation of deep periodic lines in the direction toward the center of contact of solid mass. The formation of these lines was promoted by stable H bubbles originated at the mobile boundary: metal-solid mass. In the 1-2 *N* acid solns., rapidly evolved H bubbles promoted only detachment of solid mass from the metal but themselves (because of readiness of detachment) did not play any part in the corrosion. Corrosion of Fe in contact with picene or bitumen in 3% NaCl had no selective character; it proceeded uniformly on all surface which was free from the solid mass.

A. A. Polgorny

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION



TIKHONOV, M. K.

CA

9

A method for investigating the corrosion of concrete reinforcement. M. K. Tikhonov. *Zavodskaya Lab.* 9, No. 1, 113-15(1940).—A new method is proposed for investigating the corrosion of concrete steel in aggressive media by measuring the potential of the metal which is in contact with concrete. This permits detn. of the corrosion taking place with time without opening the concrete inclosing the steel. The potential of the metal unprotected by concrete changed during the course of 45 days from 0.583 to 0.740 v. and that of the protected metal was 0.100-0.105 v. The metal in the concrete block remained unchanged. The part of the metal which had been in the gas phase was covered with products of corrosion. Five references. W. R. Henn

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

TIKHONOV, M.K.; ZHAVORONKINA, V.K.

Polarographic method for copper determination in sea water. Trudy MGI 19:31-37 '60. (MIRA 14:7)
(Sea water--Analysis) (Polarography) (Copper)

TIKHONOV, Mikhail Konstantinovich; KROTOV, I.V., doktor khim. nauk, prof., otv. red.; GORSHKOV, G.B., red.izd-va; ZUDINA, V.I., tekhn. red.; GUS'KOVA, O.M., tekhn. red.

[Corrosion and the protection of concrete and reinforced-concrete hydraulic structures] Korroziia i zashchita morskikh sooruzhenii iz betona i zhelezobetona. Moskva, Izd-vo Akad. nauk SSSR, 1962. 119 p. (MIRA 15:3)
(Hydraulic structures--Corrosion)
(Concrete construction--Corrosion)

KOTLYAROV, Ya.L., inzh.; TIKHONOV, M.N.

Machining herringbone wheels used in gas-turbine reduction gears.
Mashinostroitel' no.11:22-23 N '58. (MIRA 11:12)
(Gear cutting)

TIKHONOV, Mikhail Nikolayevich; PAKHATURIDI, I.K., red.; ZAMYSHLYAYEVA, I.M., red. izd-va; KHENOKH, F.M., tekhn. red.

[Hairdressing; ladies beauty parlors] Parikmakherskoe delo; zhenskii zal. Izd.2., perer. Moskva, Izd-vo M-va kommun. khoz.RSFSR, 1963. 141 p. (MIRA 16:7)
(Hairdressing)

TIKHONOV, M. N.

114 - 1 - 13/15

AUTHOR: Tikhonov, M. N., Engineer

TITLE: Manufacture and Assembly of Pressure Regulator Membranes (Obrabotka i sborka sil'fonov regulyatorov davleniya)

PERIODICAL: ENERGOMASHINOSTROYENIYE, 1957, No. 1, p. 27, (U.S.S.R.)

ABSTRACT: Brief note. At the points of contact the flanges are treated with colophony. The joint is located in special ring-shaped slots on the front surfaces of the flanges. Such joints proved sufficiently dense under hydraulic test pressures of 20 kg/cm^2.

ASSOCIATION:

PRESENTED BY:

SUBMITTED:

AVAILABLE: Library of Congress

SOV/117-58-11-18/36

AUTHORS: Kotlyarov, Ya.L., Engineer, and Tikhonov, M.N.

TITLE: The Manufacture of the Herringbone Wheels of a Gas Turbine Reduction Gear (Izgotovleniye shevronnykh koles gazoturbinnogo reduktora)

PERIODICAL: Mashinostroitel', 1958, Nr 11, pp 22 - 23 (USSR)

ABSTRACT: Herringbone wheels are made of steel type 38KhVFYu. The herringbones of Figure 1 are assembled on bolts, those of Figure 2 on a special setting. Cogs are cut as on spiral pinions. If the contact between the cogs is less than 80%, they are adjusted with electric carborundum Nr 280. After checking, the herringbone wheels are nitrated. There are 4 diagrams.

1. Reduction gears---Production 2. Gas turbines---Equipment

Card 1/1

TIKHONOV, M.P., mashinist ekskavatora

Without wasting time. Transp. stroi. 14 no.1:36 Ja '64.
(MIRA 17:8)

TIKHONOV, M. S.

USSR/Cultivated Plants - Grains. M-2

Abs Jour : Ref Zhur - Biol., No 20, 1958, 91638

Author : Tikhonov, M.S.

Inst : Scientific Research Institute of Agriculture for the Central Chernozem Soil Zone.

Title : Agricultural Methods of Speeding-up the Ripening of Corn Seeds.

Orig Pub : Byul. nauchno-tekhn. inform. n-i. in-ta s. kh. tsentr.-chernozemn. polosy, 1957, No 3, 9-10.

Abstract : Experiments were conducted in 1956 by the Scientific Research Institute of Agriculture for the Central Chernozem Zone on the study of agricultural methods of accelerating the ripening of corn seeds. A substantially effective method was found for the early ripening Voronezhskaya 76 variety in craking open the cobs, then mowing the

Card 1/2

USSR/Cultivated Plants - Grains.

Abs Jour : Ref Zhur - Biol., No 20, 1958, 91638 M-2

stalks and arranging them into sheaves, while for the late-ripening hybrid VIR 42 freeing the cobs of the jacket.
-- M.V. Dranishnikov.

Card 2/2

TIKHONOV, N. S.

33287. Opyt Polucheniya Semyan Mnogoletnikh Trav Iz Travosmesi. Agrobiologiya, 1949, No. 5, C. 130-33.

SO: Letopis' Zhurnal'nykh Statey Vol. 45, Moskva, 1949

TIKHONOV, M. S.

Alfalfa

"Steppe 600" variety of alfalfa. Dost.sel'khoz. No. 9, 1952.

Monthly List of Russian Accessions, Library of Congress, December 1952. Unclassified.

KALISTRATOV, Yu.A., doktor ekon. nauk,; TIKHONOV, M.V., red.; KATSEV, I.G., red. izd-va,; SHAKHOV, S.N., tekhn. red.

[Economics of producing and distributing motion-picture films in the U.S.S.R.] Ekonomika proizvodstva i obrashchenila kinofil'mov v SSSR. Moskva, Gos. izd-vo "Iskusstvo," 1958. 392 p. (MIRA 11:12)
(Motion-picture industry)

TIKHONOV, M. V.

USSR/ Agriculture - Genetics

Card 1/1 : Pub. 77 - 14/21

Authors : Tikhonov, M. V.

Title : Hybrids of Academician Tsitsin

Periodical : Nauka i zhizn' 21/9, 36-37, Sep 1954

Abstract : Description is given of the work of Nikolay Vasilevich Tsitsin in crossing wild grasses with domestic grain in order to obtain more grains per head. The results of these experiments are stated. Illustrations.

Institution : .....

Submitted : .....

TIKHONOV, M. V.

USSR/Agriculture Botany

Card : 1/1

Authors : Tikhonov, M. V.

Title : The lilac garden

Periodical : Nauka i Zhizn'. 5, 33, May 1954

Abstract : Description and illustrations of the lilac garden in the city of Moscow, USSR.

Institution : ....

Submitted : ....

TIKHONOV, M.V.

Hybrids of Academician TSitsin. Nauka i zhizn' 21 no.9:36-37 S '54.
(Triticum-agropyron hybrids) (MLRA 7:9)

TIKHONOV, M.V.

Lilac garden. Nauka i zhizn' 21 no.5:32b-33 My '54. (MLRA 7:6)
(Lilacs)

TIKHONOV, M.Ye.

Mechanized stoping in steep pitching seams using coal sawing machines. Ugol' 33 no.9:26-29 S '58. (MIRA 12:1)
(Coal mining machinery)

TIKHONOV, Mikhail Yegorovich, kand. tekhn. nauk; YEFREMOV, G.D., kand. tekhn. nauk, retsenzent; KOCHERGA, N.T., inzh., red.izd-va; SHAFETA, S.M., tekhn. red.

[Means of controlling roofs]Sposoby upravleniia krovlei. Kiev, Gostekhizdat USSR, 1962. 150 p. (MIRA 16:3)
(Mine timbering)

TIKHONOV, Mikhail Yegorovich[Tykhonov, M.IE.]; KOCHERGA, M.[Kocherha,M.], red.; SHAFETA, S., tekhn. red.

[New equipment and technology in the coal mining industry of the Ukrainian S.S.R.] Nova tekhnika i tekhnologiia u vuhil'nii promyslovosti URSR. Kyiv, Derzh. vyd-vo tekhn. lit-ry URSR, 1961. 130 p. (MIRA 14:9)

(Ukraine--Coal mines andmining)
(Coal mining machinery)

TIKHONOV, M.Ye.; GRECHISHKIN, F.G.

Manless stoping. Ugol' Ukr. 4 no.7:44-45 Jl '60. (MIRA 13:8)
(Stoping (Mining)) (Automatic control)

[illegible], M. Ye.

TIKHONOV, M. Ye.: "The cost of holding up horizontal cuts reinforced with metal supports in the mines of the central region of the Donbass." Min Coal Industry USSR. Academ of the Coal Industry. Moscow, 1956. (Dissertations for the Degree of Candidate in Technical Sciences.)

SO: Knizhnaya letopis' No. 22, 1956

TIKHONOV, Mikhail Yegorovich, gornyy inzhener; SREBNYY, I.I., redaktor; ALADOVA, Ye. I. tekhnicheskiy redaktor.

[Method of determining the cost of supporting mine workings with metal props.] Metod opredeleniia stoimosti podderzhaniia gornykh vyrabotok s metallicheskoi krep'iu. Moskva, Ugletekhizdat, 1955. 39 p.
(Mine timbering) (MLRA 8:8)

OSTROVSKIY, S.B.; TIKHONOV, M.Ye.

Coal mining methods used in the Lvov-Volyn Basin. Ugol' 34 no.10:1-6 O '59. (MIRA 13:2)
(Lvov-Volyn Basin--Coal mines and mining)

TIKHONOV, M.Ye., kand. tekhn. nauk; ZORIN, L.F., gornyy inzh.

Effectiveness of development mining methods in mines of the "Novovolynskugol'" Trust. Ugol' Ukr. 9 no.12:4-7 D '65.
(MIRA 19:1)

TIKHONOV, M. Ye., kand.tekhn.nauk

Lining of shaft bottom workings in the Novovolyn'sk mines.
Ugol' Ukr. 4 no.1:13-15 Ja '60. (MIRA 13:5)
(Lvov-Volyn' Basin--Mine timbering)

BONDARENKO, A.V.; FARBEROV, M.I.; KARAKULEVA, G.I.; KOMOLOVA, G.A.; TIKHVINSKAYA, M.Yu.; Prinimal uchastiye PAVLOV, S.Yu., student

Synthesis of di-tert-butylbenzoic acid. Khim. i khim. tekh. 1:91-99 '62. (MIRA 17:2)

1. Yaroslavskiy tekhnologicheskiy institut i Nauchno-issledovatel'skiy institut monomerov dlya sinteticheskogo kauchuka.

TIKHONOV, N.

Gogol', Nikolay Vasil'y Evich, 1809-1852

A word about Gogol, Mol. kolkh, No. 3, 1952.

Monthly List of Russian Accessions, Library of Congress, May 1952, Unclassified.

TIKHONOV, Nikolay

Dva Potoka: Na Vtorom Vsemirnom Kongresse Mira /Two streams: On the Second World Peace Congress/ Moskva, Gos. Izd-vo, Khudozhestvennoy Literatury, 1953.

74 p.

N/5
887
.T5

TIKHONOV, N.

Why are we so few? NTO no.3:44-45 Mr '59. (MIRA 12:6)

1. Starshiy inzhener otdela glavnogo tekhnologa stankostroitel'nogo zavoda "Krasnyy proletariy."
(Moscow--Machine-tool industry)

TIKHONOV, N.

Headlong pace of free China. IUn. tekh. 4 no.9:35-40 S '59.
(China--Industries) (MIRA 12:12)

TIKHONOV, N.

A new world record has been set! Mast. ugl. 8 no.7:4 Jl '59.
(MIRA 12:10)

1. Brigadir prokhodchikov vertikal'nykh stvolov tresta Stalinshakhtoprokhodka.
(Donets Basin--Coal mines and mining--Labor productivity)

TIKHONOV, N.; ROSLIKA, G., zootekhnik; PAVLOV, G.; KRASNOV, V.; ALEKSANDROV, L.

Floating duck house. Nauka i pered.op v sel'khoz. 9 no.12: 21-22 D '59. (MIRA 13:4)

1. Predsedatel' kolkhoza imeni Saltykova-Shchedrina, Taldomskogo rayona, Moskovskoy oblasti (for Tikhonov). 2. Kolkhoz imeni Saltykova-Shchedrina, Taldomskogo rayonnogo komitota kommunisticheskoy partii Sovetskogo Soyuza (for Pavlov). 3. Chlen-korrespondent Vsesoyuznoy akademii sel'skokhozyaystvennykh nauk imeni Lenina (for Krasnov).
(Poultry houses and equipment)

ABALAKOV, Yevgeniy Mikhaylovich [deceased]; TIKHONOV, N., otv. red; LETAVET, A., otv. red.; BOL'SHAKOV, V.P., red.; DOROKHINA, I.N., tekhn. red.

[On the highest summits of the Soviet Union] Na vysochaishikh vershinakh Sovetskogo Soiuza. Moskva, Izd-vo AN SSSR, 1962. 489 p. (MIRA 16:10)

(Mountaineering)

YEVDOKIMOV, V.G.; PETYGIN, V.I.; PYZHOV, V.S.; prinimali uchastiye: SMIRNOV, V.M.; KISELEV, L.M.; SHUMILOV, A.S.; VINOKUROV, V.K.; TIKHONOV, M.A.

Investigating granulators as controlled systems. TSvet. met. 35 no.6: 41-46 Je '62. (MIRA 15:6)

(Ore dressing) (Granular materials)

IVANOVSKIY, V.; TIKHONOV, N., kand. ekonom. nauk

Studying the causes of personnel turnover and improving labor organization. Sots. trud 8 no.12:45-50 D '63. (MIRA 17:2)

1. Zaveduyushchiy promyshlenno-transportnym otdelom Leningradskogo gorodskogo komiteta Kommunisticheskoy partii Sovetskogo Soyuza (for Ivanovskiy). 2. Zamestitel' zaveduyushchego ideologicheskim otdelom Leningradskogo gorodskogo komiteta Kommunisticheskoy partii Sovetskogo Soyuza (for Tikhonov).

TIKHONOV, N.

Efficient boxes and containers and the preservation of goods. Sov. torg. 37 no.10:24-26 O '63. (MIRA 17:1)

18.5100

81538
SOV/137-59-5-11368

Translation from: Referativnyy zhurnal, Metallurgiya, 1959, Nr 5, p 269 (USSR)

AUTHORS: Tikhonov, N.A., Osada, Ya.Ye., Rulla, N.V., Chukmasov, A.S., Trubchenko, P.A.

TITLE: A New Technological Process in Pipe Rolling

PERIODICAL: Byul. tekhn. inform. Dnepropetr. obl. otd. O-va po rasprostr. polit. i nauchn. znaniy UkrSSR, 1957, Nr 4 - 5, pp 43 - 45

ABSTRACT: VNITI, together with the Yuzhnotrubnyy Plant developed and brought into use a new technology of manufacturing seamless steel pipes of carbon, alloyed and high-alloy steel grades. As the broaching operation has been eliminated it is now possible to produce seamless pipes from almost any steel grades. The cast steel is teemed through a special device into a rotating cylindrical chill mold. The inner surface of the chill is covered with a layer of sand to prevent the harmful effect of the liquid metal on the chill wall, to improve the quality of the casting and to facilitate its extraction from the chill; the sand is filled into the rotating chill prior to teeming the metal with the aid of a revolving groove. After solidification the casting is removed from the chill.

Card 1/2

A New Technological Process in Pipe Rolling

cooled on shelves or in special pits. Subsequently, if necessary, it is subjected to mechanical treatment of its external and internal surfaces. The external diameter and the length of the castings are controlled by the dimensions of the chill and the wall thickness by the amount of the cast metal. The blanks are cast with an external diameter of 35 - 900 mm, 8 - 150 mm wall thickness, 300 - 5,500 mm length and 4 - 4,000 kg weight. Rolling is carried out in such a manner that changes in the diameter during the initial period of deformation, particularly, in rolling pipes of alloyed and high-alloy steel grades, is at a minimum and the compression of walls is gradually increasing. When the relative compression of the walls exceeds 30%, changes in the diameter can be performed within a considerable range. The introduction of the new technology resulted in the elimination of a number of remarks, reduction of investments, reduction of metal consumption for the manufacture of pipes of one steel grade by a factor of 2 - 10. Consumption of technological instruments was reduced twice as well as electric power and fuel consumption; labor conditions were improved.

Card 2/2

Ye.T.

TIKHONOV, N.

Centralized transportation of goods in Moscow. Sov. torg. no.7: 21-24 Jl '57. (MLRA 10:9)

(Moscow--Delivery of goods)

L'VOVA, I., kand. biol. nauk; SAKOVICH, I., studentka; TIKHONOV, N., kand. biol. nauk; MORSHCHIKHINA, S., biolog.

Biological investigation of the growth and development of cucumbers on unsheltered ground. Nauka i pered. op. v sel'khoz. 8 no.6:48-51 Je '58. (MIRA 11:6)

1. Moskovskiy ordena Lenina Gosudarstvennyy universitet imeni M.V. Lomonosova.

(Cucumbers)

TIKHONOV, N.

Main thing is to have varied tasty dishes. Obshchestv. pit. no.9:43-45 S '58. (MIRA 11:10)

1. Direktor restorana "Metropol'," Leningrad.
(Leningrad--Restaurants, lunchrooms, etc.)

TIKHONOV, Nikolay

Soviet firemen. Pozh.delo 3 no.11:2 N '57. (MIRA 10:11)
(Firemen)

TIKHONOV, N.

Hunting with a camera. Vokrug sveta no.5:59 My '55. (MLRA 8:6)
(Muskrats)

BARDIN, I.; BELAN, R.; BEKHTIN, N.; BOYKO, V.; BORISOV, A.; BYCHKOV, V.; VASILENKO, S.; VINOGRADOV, V.; VISHNEVSKIY, A.; VODNEV, G.; DVORIN, S.; DZHAPARIDZE, Ye.; DIDENKO, V.; D'YAKONOV, N.; ZHURAVLEV, S.; ZAKHAROV, A.; IVANOV, I.; KIRSANOV, M.; KOLYADA, G.; KOROBOV, P.; LESKOV, A.; LUKICH, L.; LYUBIMOV, A.; MELESHKIN, S.; MYRTSYMOV, A.; PERTSEV, M.; PETRUSHA, F.; PITERSKIY, A.; POPOV, I.; RAYZER, D.; ROZHKOV, A.; SAPOZHNIKOV, L.; SEDOY, P.; SOKOLOV, P.; TEVOSYAN, I.; TIKHONOV, N.; TISHCHENKO, S.; FILIPPOV, B.; FOMENKO, N.; SHELKOV, A.; SHERBET'YEV, A.

Fedor Aleksandrovich Merkulov. Koks i khim.no.7:62 '56. (MLRA 9:12)
(Merkulov, Fedor Aleksandrovich, 1900-1956)

TIKHONOV, N., lektor

Life calls for it; provide for scientific and technical knowledge of the people. Mest.prom.i khud.promys. 2 no.7:15 Jl '61. (MIRA 15:1)

1. Leningradskiy gorodskoy komitet Kommunisticheskoy partii Sovetskogo Soyuza.
(Leningrad--Universities and colleges)

On thermal conductivity of the system of solid solutions PbTe-PbS.
Ye. D. Devyatkova, V. V. Tikhonov, N. A. Smirnov.

Change of the electrical properties of PbSe, PbTe, and PbS under close pressure. A. D. Averkin, A. A. Andreyev, I. G. Dombrovskaya, B. Ya. Moyzhes, E. G. Nensberg.

Report presented at the 3rd National Conference on Semiconductor Compounds, Kishinev, 16-21 Sept 1963

DRUZHININ, A.V.; TIKHONOV, N.D.; SEREBRYAKOV, N.N.

Tectonic pebbles in disjunctive dislocations occurring among granitoids. Izv.vys.ucheb.zav.;geol.i razv. 4 no.10:48-52 O '61. (MIRA 14:12)

1. Moskovskiy institut tsvetnykh metallov i zolota imeni Kalinina.
(Pebbles)

KOTLYAR, V.N.; SOLOV'YEV, N.N.; TIKHONOV, N.D.

Geological characteristics of deposits associated with ancient volcanic structures. Geol. rud. mestorozh. 5 no.5: 18-34 S-O '63. (MIRA 16:11)

1. Moskovskiy institut stali.

DRUZHININ, A.V.; TIKHONOV, N.D.; ZUYEV, V.N.

Lead-zinc mineralization in molybdenum deposits of eastern Transbaikalia. Trudy IGEM no.83:505-522 '63. (MIRA 16:11)

TIKHONOV, N. D.

Conditions governing the formation of the stockwork deposit associated with volcanic vents (Transbaikalia). Izv. vys. uch. zav.: geol. i razv. 5 no.7:76-86 Jl '62.
(MIRA 15:10)

1. Moskovskiy institut stali.

(Transbaikalia—Ore deposits)

DRUZHININ, A.V., aspirant; TIKHONOV, N.D.

Some characteristics of the distribution of tin ore, tin-tungsten, and molybdenum-complex metal deposits in eastern Transbaikalia. Izv.vys. ucheb. zav.; geol. i razv. 7 no.7:62-67 Jl '64 (MIRA 18:2)

1. Universitet druzhby narodov im. P. Lumumby i Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya SSSR.

TIKHONOV, N. F.

6/49T27

USSR/Engineering Jul 48
Energy - Conservation
Furnaces, Electric

"Methods for Economizing on Power Consumption in Heat Treatment, Casting and Forging Shops of Machine Construction Factories," N. F. Tikhonov, M. P. Zagoskin, A. S. Kudryavtsev, V. A. Dudinov, Kirov Factory in Urals, 3 pp

"Prom Energet" No 7

Suggestions were awarded a third prize in 1947 All-Union Contest. Describes how capacity of electric furnace was increased, and construction and working

6/49T27

USSR/Engineering (Contd) Jul 48

routine altered. Diesel cylinder blocks and heads are now cast in chills instead of molds. Mentions various refinements in molding and melting techniques. Refers to forging of caterpillar tracks in two heats instead of three, reducing piston clearances in hammers, and reducing air supply for fans in coke fires.

6/49T27

TIKHONOV, N. F.

PA 20/49T9

USSR/Electricity
Cables, Electric
Cables, High-Voltage

Sep 48

"Results of Maintenance Checks on High-Voltage Cables in Industrial Enterprises," N. F. Tikhonov, Engr, 3 pp

"Elek Stants" No 9

Describes methods used and tabulates results. Methods supplement official instructions on subject issued by Ministry of Electric Stations.

20/49T9

TIKHONOV, N. F.

PA 38/49T15

USSR/Electricity Mar 49
Power Plants, Electric
Insulators

"Insulating an Open Substation in a Highly Contaminated Area," N. F. Tikhonov, Engr, 3 pp

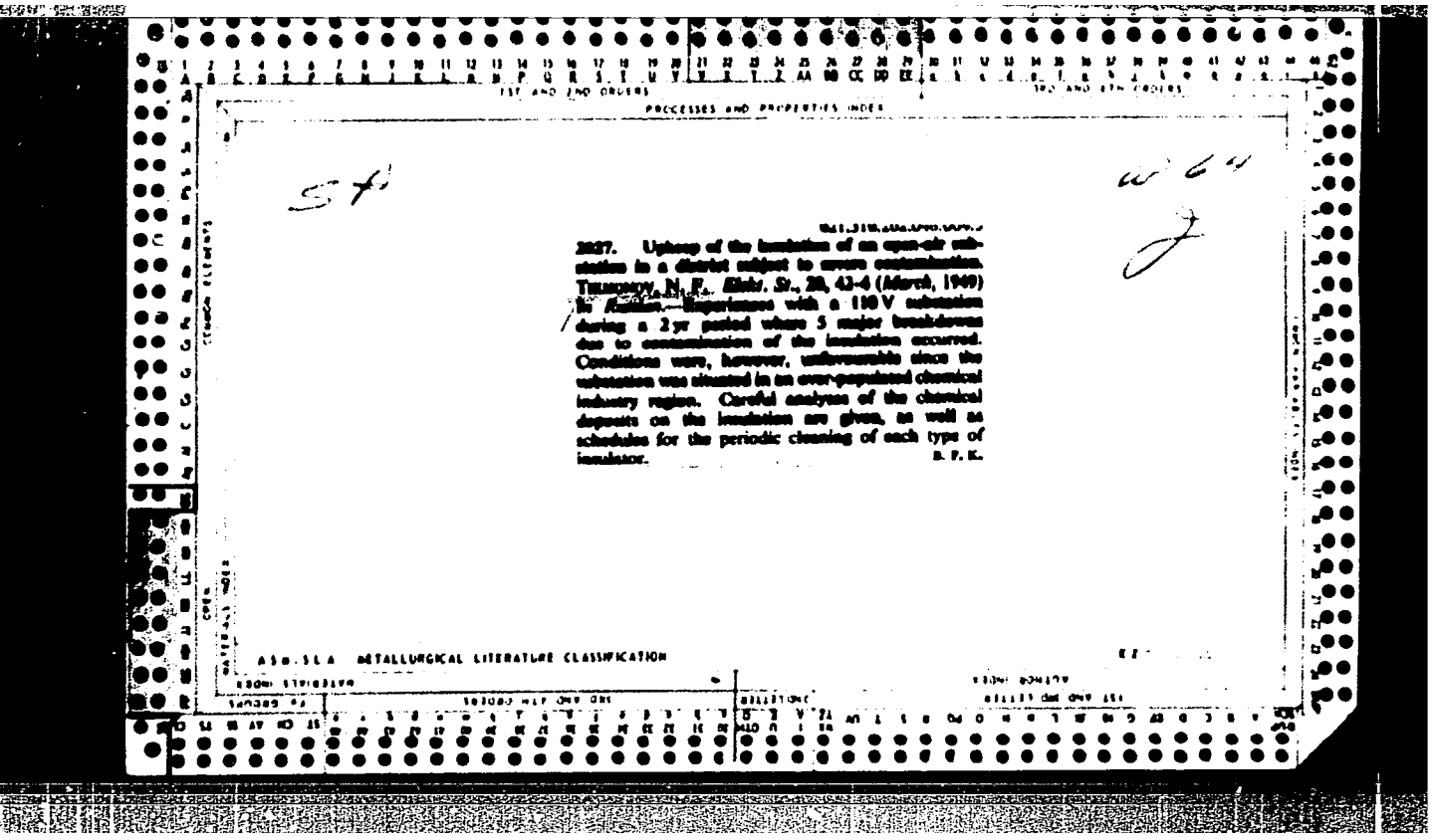
"Elek Stants" No 3

Substation (110 kv) suffered five breakdowns, in one case completely losing the load, due to deterioration of insulation. Details weather conditions which invariably caused these breakdowns, and preventive measures taken. Preventive measures (repeated cleaning, etc.) stopped breakdowns, but were very wasteful in time, and finally new armored insulators were designed.

38/49T15

USSR/Electricity (cont'd) Mar 49

38/49T15



PROCESSES AND PROPERTIES INDEX

2027. Upkeep of the insulation of an open-air substation in a district subject to severe contamination. Tsaregorov, N. F. *Elektr. St.*, 20, 43-4 (March, 1949) In Russian.—Experiences with a 110 V substation during a 2 yr period where 5 major breakdowns due to contamination of the insulation occurred. Conditions were, however, unfavourable since the substation was situated in an over-populated chemical industry region. Careful analyses of the chemical deposits on the insulators are given, as well as schedules for the periodic cleaning of each type of insulator. B. P. K.

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

TIKHONOV, N.F., inzhener.

Voltage indicator for 100 to 400 volts. Prom.energ. 11 no.4: 8-11 Ap '56. (MLRA 9:7)
(Electric instruments)

TIKHONOV, N. F.

"Electrical Engineering Handbook for Shop Power Engineers", Chelyabinsk Oblast Izdatel'stvo, 347 p , 1950.

TIKHONOV, N. F.

PA 161T39

USSR/Electricity - Power Economy, Electric Apr 50
Machine Building

"New Machine-Building Techniques and Problems Relating to Economizing Electric Power," N. F. Tikhonov, Engr, 3½ pp

"Prom Energet" No 4

Describes various factory methods of economizing electric power: life and quality of tools increased by covering cutting tools with hard alloy such as T15K6; speeding up metal-cutting time decreases number of machines in use; use

161T39

USSR/Electricity - Power Economy, Electric (Contd) Apr 50

of unbalanced induction dynamometers and employing the heat in electrolytes for hardening parts.

161T39

TIKHONOV, N. F.

178T60

USSR/Electricity - Distribution Systems
Transformers

Apr 51

"Grounding of the Neutral Points of Transformer Windings in 380-V Circuits," N. F. Tikhonov, Engr

"Elektrichestvo" No 4, pp 63-65

Considers effect of grounding neutrals of 380-V transformers upon safety conditions and reliability of operation of industrial elec equipment. Statistics obtained at large metalworking plant were used as basis for study. Maintains grounding reduces danger of shock and makes for more reliable operation of elec equipment. Submitted 7 Aug 50.

178T60

TIKHONOV, N.F.

USSR/Electricity - Shock Jun 51
Statistics

"Editor's Comment on Articles on 'The Insufficiency of Statistics on Cases of Electric Shock' by L. P. Podol'skiy and N. F. Tikhonov"

"Elektrichestvo" No 6, p 80

In connection with the above articles, appearing in "Elektrichestvo" No 12, 1950, and No 4, 1951, the Labor Protection Div of VTsSPS (All-Union Cen Council of Trade Unions) reported that statistics sectors for

200T22

USSR/Electricity - Shock (Contd) Jun 51

the study of data on elec shock and occupational diseases have been re-established in the scientific research institutes for labor protection of VTsSPS.

200T22

TIKHONOV, N. F.

PA 248T45

USSR/Electricity - Electrical Machines May 52

"Experience With Reducing the Breakdowns of Electrical Machines in an Industrial Enterprise," Engr N. F. Tikhonov

Prom Energet, No 5, pp 21-25

Lists causes of breakdown of elec machines (along with % of total breakdowns attributable to each cause) at heavy machine bldg plant for 1948, 1949, and 1950. Insulation failure was chief cause. Discusses measures, including use of bimetallic discs for thermal protection, by which breakdowns (1948 - 1950) were cut in half and average life of machine between major repairs increased to 12 yr.

248T45

248T45

TIKHONOV, N.F.

[Power engineering reference book for the power plant engineer] Energeticheskii spravochnik energetika tsekha. Chelyabinsk, Cheliabinskoe knizhnoe izd-vo, 1954. 416 p. (MLRA 7:12D)

TIKHONOV, N.E.; KOPEYKINA, L.V., red.; BUL'DYAYEV, N.A., tekhn. red.

[Saving of electric power at the Chelyabinsk Tractor Factory] Ekonomiia elektroenergii na Cheliabinskom Traktornom zavode. Moskva, Gosenergoizdat, 1963. 126 p. (MIRA 16:6)

(Electric power)

8 (2,3) SOV/112-57-5-10152

Translation from: Referativnyy zhurnal. Elektrotekhnika, 1957, Nr 5, p 81 (USSR)

AUTHOR: Tikhonov, N. F.

TITLE: Insuring Service Continuity in Electric Supply of a Plant (Opyt obespecheniya bespereboynogo elektrosnabsheniya zavoda)

PERIODICAL: V sb.: Tr. Nuach.-tekhn. soveshchaniya po elektrosnab. prom. predpriyatiy. M.-L., Gosenergoizdat, 1956, pp 141-154

ABSTRACT: Information about failures per 100 units of 3-10-kv equipment for the last ten years (1945-1954) at Chelyabinskiy Kirovskiy zavod (Chelyabinsk Kirov Plant) shows that the failures were incidental. A systematic and abrupt reduction of such incidental faults is noted. During the 1950-1954 5-year period, there were one-third as many faults as during the preceding 5-year period. A number of steps were taken to increase the reliability of the electric supply at the plant: (1) To reduce short-circuit currents, the 110/10-kv and 10/3-kv transformers at the main step-down substation were sectionalized. (2) All

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Insuring Service Continuity In Electric Supply of a Plant

high-voltage equipment was tested for short-circuit current duty. Oil circuit breakers that did not pass the tests and other obsolete equipment were replaced. (3) Departmental transformer substations are now supplied by radial lines with a reserve single-fed or double-fed line; this measure has considerably increased the reliability of supply. (4) Over many years of operation, a standard scheme for a departmental substation has been worked out; there is a single two-section bus on the 10-kv side. A bus-tie disconnecting switch on the 10-kv side is normally closed. The 0.4-kv buses are sectionalized according to the number of transformers. (5) A new type of 0.4-kv switchgear is used; obsolete and unreliable type YaA automatic circuit-breakers, which were used in conjunction with 200-amp knife switches have been replaced by fused disconnecting switches. (6) On all 10-kv lines outgoing from the main step-down substation, a single-phase ground-fault protection has been installed that trips the breakers instantaneously. Many years of experience with this

Insuring Service Continuity in Electric Supply of a Plant

protection have confirmed its high efficiency. (7) A considerable reduction in number of faults in intradepartmental supply underground-cable networks has been achieved after a reconstruction of the networks. As a part of a revamping, after 15-20 years of operation, the cables have been gradually transferred from the cable ducts onto metal racks or onto walls where they run at the level of the lower belt of girders. At the same time, cables unfit for further operation have been scrapped. Departmental substations do not have permanent personnel on duty; there is only one dispatcher's station whose personnel (5-6 men in a shift) effects the necessary switching operations in the supply scheme, issues work orders to repair crews at substations, carries out routine inspections, and cleans equipment and substation rooms.

B.N.A.-K.

Card 3/3

S/112/59/000/015/019/068
A052/A002

Translation from: Referativnyy zhurnal, Elektrotekhnika, 1959, No. 15, p. 83, # 31543

AUTHOR: Tikhonov, N.F.

TITLE: New Types of Insulation for Electrical Machines

PERIODICAL: V sb.: Remont elektr. mashin i transformatorov, Chelyabinsk, 1958, pp. 5-29

TEXT: A brief description is given of wires with new types of insulation. The high quality of insulation with silicoorganic materials is emphasized. When using new types of insulation materials for repairs of electrical machines at the "Chelyabinskiy traktornyy zavod" (Chelyabinsk Tractor Plant) it was found that enameled wires with viniflex insulation, type "ПЭВ" (PEV) had an unsatisfactory quality and low moisture resistance.

M.I.K.

Translator's note: This is the full translation of the original Russian abstract.

Card 1/1

AUTHOR: Tikhonov, N. F., Engineer 94-58-6-1/19

TITLE: The Power Economy of the Chelyabinsk Tractor Works During 25 Years (Energokhozyaystvo Chelyabinskogo traktornogo zavoda za 25 let)

PERIODICAL: Promyshlennaya Energetika, 1958, Nr 6, pp 1 - 6 (USSR)

ABSTRACT: During the last 25 years the installed capacity of power plant in the Chelyabink Tractor Works has increased several times over, both by the installation of new plant and by the reconstruction of old. The boiler house output has been greatly increased and the processes of combustion and feed to the main boilers are just being made automatic. The experimental gas generating plant built in 1933 has been made permanent and delivers gas for the forge furnaces. The output of the gas generators has been doubled and the calorific value of the gas raised from 1430 to 1500 kcal/m^3. The annual power consumption per worker employed has increased from 6123 kWh in 1933 to 11801 kWh in 1957. This has increased productivity and improved working conditions. The increased power consumption has resulted partly from extensions to the Works but mainly from the introduction of improved technological processes and mechanisation and from

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The Power Economy of the Chelyabinsk Tractor Works During 25 Years

improved lighting, heating and other working conditions. The power consumption of various shops in the Works in 1957 is tabulated, the foundries and power plants consume more than half the total power. Achievements in the economy of power are described. In the early stages power was economised mainly by adjustment of working schedules and by reducing losses. The way in which the power consumed in the manufacture of a tractor has been reduced over the years is plotted graphically in Fig.1. The reduction of power consumption for the heat treatment of a ton of tractor parts is plotted in Fig.2. The Works' staff participates actively in Power Economy Competitions. A preventive maintenance system has been introduced and has proved very effective. It has reduced the number of plant outages and has increased plant life. In particular mention is made of methods of repairing electric motors, which are varnish impregnated under pressure and dried by infra-red lamps. The electric power system has been reorganised. Steps have been taken to reduce short-circuit powers. Circuits of supply to shop sub-stations have been improved and made more reliable; a radial system of distribution is used

with some links between sub-stations. Sub-station arrangements have been standardised, the bus-bar sectionalisation on the high and low voltage sides is described. Protective relay circuits have been improved since the war, the system of protection against single phase 10 kV earth faults installed in 1943 has been particularly useful. As supply has become more reliable it has been possible to introduce distribution within the works at 10 kV, the previous 3 kV system being retained only for some small loads. The cable system was reconstructed, runs being made in metal ducts on the walls or structure. This has made the cable system more accessible and reliable. New cable was not required because the use of 10 kV sub-stations made it possible to shorten many runs and moreover 3 kV cable could be degraded to lower voltages. Overvoltage testing of cable systems was introduced. Working conditions have been much improved in respect of lighting, heating and ventilation. About 64% of the lighting system has been reconstructed during the last 10 years.

 Transformer neutrals were earthed mainly to reduce the

The Power Economy of the Chelyabinsk Tractor Works During 25 Years

risk of shock and this has been very successful. Heating of the shops has been improved, largely by making use of waste heat, as from steam hammers. A great deal of work and material was required to make full use of waste heat. A new method of using waste heat of steam consists in using the steam to heat water and adapting the existing steam heating systems to work on water. Special water heating installations have been made for this purpose and considerable economies have resulted from these measures.
There are 3 figures and 1 table.

Card 4/4 1. Industrial plants - Power 2. Industrial plants - Equipment
3. Power plants - Effectiveness

TIKHONOV, N.G.; ZHELEZNYAKOV, A.T.; AMBURKIN, K.S.

Effect of cooling and heating cycles on the state of the contact connections of aluminum busbars. Sbor. nauch. trud. ElNII 3: 168-170 '63. (MIRA 17:4)

SHVETS, Yu.P.; TIKHONOV, N.G.

New regenerative braking relay for N8 electric locomotives. Elek. i tepl.tiaga 6 no.8:31-32 Ag '62. (MIRA 17:3)

1. Sotrudniki Novocherkasskogo nauchno-issledovatel'skogo instituta elektrovozostroyeniya.

SHVETS, Yu.P.; TIKHONOV, N.G.

Investigating the performance of the regeneration relay of d.c. locomotives and the development of a new relay design. Sbor. nauch. trud. EINII 2:196-204 '62. (MIRA 16:8)

(Electric relays)
(Electric locomotives—Brakes)

ALIKIN, R.I.; GORDIYENKO, P.I.; BESPROZVANNYY, I.G.; ZHIBTSOV, P.P.; ZOLOTAREV, P.A.; ZUSMANOVSKAYA, L.L.; IBRAGIMOV, K.G.; KOZOREZOV, M.A.; KOKOREV, A.I.; KUPRIANOV, Yu.V.; KUROCHKA, A.L., kand. tekhn. nauk; LITVINOVA, L.M.; LOZANOVSKIY, A.L., kand. tekhn. nauk; MAVDRIKOV, F.I.; MAKHAN'KOV, L.V.; PUKALOV, V.I.; RAYLYAN, A.F.; SVERDLOV, V.Ya.; SKLYAROV, B.S.; SOLOV'YEV, K.M., kand. tekhn. nauk; STUKALKIN, A.N.; SUROVIKOV, A.A.; TIKHONOV, N.G.; SHTEPENKO, P.K.; YANOV, V.P.

[VL80 electric locomotive.] Electrovoz VA80. Novocherkassk. Nauchno-issledovatel'skii institut elektrovozostroeniia. Sbornik nauchnykh trudov, vol. 5) (MIRA 18:5)

TIKHONOV, Nikolay Gur'yevich; SHVETS, Yuriy Prokof'yevich; ROMASHKOV, S.G., inzh., retsenzent; KALININ, V.K., kand. tekhn. nauk, red.; VORGTNIKOVA, L.F., tekhn. red.

[Electric relay of main line electric locomotives] Rele' magistral'nykh elektrovozov. Moskva, Transzheldorizdat, 1963. (MIRA 16:7)
78 p.
(Electric locomotives) (Electric relays)

TIKHONOV N. I.

TIKHONOV, N. I.

Materialy po raschetu gidravlicheskikh sistem samoleta. (Ezhektornaia podkachka v sisteme benzopitaniia samoleta). Moskva, 1939. 16p.,diagrs. (TSAGI. Tekhnicheskie zametki, no. 192)

Title tr.: Design of hydraulic systems of airplanes. (Auxiliary injection pumps in aircraft fuel systems).

TL570,M6 no. 192

SO: Aeronautical Sciences and Aviation in the Soviet Union, Library of Congress, 1955.

TIKHONOV, N. I. and Polikovskiy, V.I.

"The Effect of a Tank's Vibration on Its Rate of Discharge (O Vliianii Vibratsii Baka na Skorost Yego Oporozhnenia)", Military Aviation Technology, No 7-8, 1939

TIKHONOV, N.I.

AID P - 3288

Subject : USSR/Chemistry

Card 1/1 Pub. 78 - 18/24

Authors : Put'kovskaya, S. S. and N. I. Tikhonov

Title : Computation of fuel losses due to evaporation by the method of direct comparison of samples

Periodical : Neft. khoz., v. 33, #9, 78-82, S 1955

Abstract : In a multi-compound fuel, the more volatile lighter fractions evaporate quicker than the heavier fractions. Gradually, this evaporation changes the fuel's physical and chemical characteristics, its specific gravity, vapor tension etc. By comparing those characteristics of the fuel investigated in its original stage and after a certain time of evaporation, the evaporation losses can be determined. This is the basis of an apparatus which is described in this article. Diagrams, charts, table, formulae.

Institution : None

Submitted : No date

COUNTRY : USSR
CATEGORY : Cultivated Plants. Cereals. M

ABS. JOUR. : RZhBiol., No. 23 1958, No. 104621

AUTHOR : Tikhonov, N. I.
INST. : Sumsk State Agricultural Experiment Station.
TITLE : Protein Content in the Kernels of Some Corn Varieties.

ORIG. PUB. : Byul. nauchno-tekhn. inform. Sumsk. gos. s.-kh. opyth. st., 1957, vyp. 3, 8-11

ABSTRACT : In 1955-1956, 24 varieties of corn were studied for their yielding ability and protein content in the grain. In the selection of corn varieties for cultivation for grain, not only the yield of the grain should be taken into account, but also its protein content. Under the conditions of Sumskaya oblast', the following varieties and hybrids have the highest percentage of protein: Voronezhskaya 76, Odesskaya 5, Romenskaya, Bukovinskiy 1, Dnepropetrovskiy 31, which produce mature grain. -- G. V. Yakushkina

CARD: 1/1

USSR/Cultivated Plants - Commercial, Oil-Bearing, Sugar-Bearing, ...

Abs Jour : Ref Zhur - Biol., No 1[illegible], 1958, 2[illegible]58

Author : [illegible]nov, N.I.

Inst : Omsk State Agricultural Experimental Station.

Title : The Effect of Ammonia[illegible] on the Sugar Beet Crop.

Orig Pub : Byul. nauchno-tekhn. inform. Omsk. gos. s.-kh. opyt[illegible], 1957, vyp. 3, 21-22.

Abstract : The field experiments of the Omsk Agricultural Experimental Station showed that a chemate containing 30-45% N was not inferior in its effectiveness to N_{aq} (with a similar dose of N). The experiments were conducted on slightly leached chernozem. The predecessor of the beet was rye-sown annual grasses. The increase in the root crop due to introduction of ammonia in the quantity of N 60 comprised about 1 centners/ha. -- A.M. Smirnov

Card 1/1

USSR/Soil Science. Organic Fertilizers J-4

Abs Jour : Ref Zhur - Biol., No 10, 1958, No 43860

Author : Tikhonov N.I.
Inst : Not Given
Title : The Effect of Composting Manure on Its Organic Substances and Nitrogen Content

Orig Pub : Byul. nauchno-tekhn. inform. Sumsk. gos. s.-kh. opytn. st., 1957, vyp. 3, 37-41

Abstract : No abstract

Card : 1/1

TIKHONOV, Nikolay Ivanovich [Tykhonov, M.I.], kand.sel'skokhoz.nauk; GIRKO, P.A. [Hirko, P.A.], prof., glav.red.

[Organic and mineral fertilizers are the foundation of good crops] Organichni i mineral'ni dobryva - osnova vysokoho vrozhaiu. Kyiv, 1959. 27 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser.6, no.20). (Fertilizers and manures)

TIKHONOV, N.I.; DANILOV, Yu.I.; YANCHENKO, V.T.; ZAKHAROVA, N.P.

Testing method for thermostability under conditions of variable heat transfer. Zav. lab. 29 no.6:735-738 '63. (MIRA 16:6)

(Materials—Testing)
(Heat—Transmission)

TIKHONOV, N.I.

Strength of ceramic materials under thermal impact (survey).
Zav. lab. 28 no.9:1103-1107 '62. (MIRA 16:6)

(Ceramic materials--Testing)
(Refractory materials)

TIKHONOV, K.K., dotsent, kand. tekhn. nauk; MAKAROCHKIN, A.M., kand. tekhn. nauk, red.

[Optimum running speed of freight trains]. Optimal'nye khodovye skorosti gruzovykh poezdov. Moskva, 1964, 261 p. (Moscow. Moskovskii institut inzhenerov zheleznodorozhnogo transporta. Trudy, no.172). (MIRA 17:7)

GLAZOV, A.P.; TIKHONOV, L.V.; KHAZANOV, M.S.

X-ray investigation of the surface of nozzle blades tested for heat-resistance. Sbor. nauch. rab. Inst. metallofiz. AN URSR no.18:60-68 '64 (MIRA 17:8)

TIKHONOV, Nikolay Makarovich; MEDVEDEV, V.A., kand. ekon.nauk, nauchnyy red.; BRAILOVSKIY, V.A., red.izd-va; GURDZHIYEVA, A.M., tekhn. red.

[All for the benefit and welfare of the man] Vse vo imia cheloveka, dlia blaga cheloveka. Leningrad, Ob-vo po rasprostraneniiu polit. i nauchn. znanii RSFSR, 1962. 86 p. (MIRA 16:4)

(Cost and standard of living)

ZVEREVA, G.V., prof.; GMEL'CHAK, N.P., aspirant; TIKHONOV, N.M., aspirant

Methods for intravital examination of ovaries in cows. Veterinariia 42 no.7:81-82 Jl '65. (MIRA 18:9)

1. L'vovskiy zooveterinarnyy institut.

NAZARYAN, Ye.A.; LOBANOV, G.A.; TRUSEVICH, G.V.; STEPANOV, S.N.; DUSHUTINA, K.K.; RYBAKOV, A.A.; KARANYAN, P.G.; UL'YANISHCHEVA, A.M.; TIKHONOV, N.N.; KAZIZADE, F.N.; SIDORENKO, I.I.; SMIRNOV, V.F.; SHIDENKO, I.Kh.; VASIL'YEV, V.P.; SHISHKOVA, M.I.; SERGEYEV, V.I., red.; GOR'KOVA, Z.D., tekhn.red.

[Grusha] Pear. Moskva, Gos.izd-vo sel'khoz.lit-ry, 1960. 534 p. (MIRA 13:12)

(Pear)

ABRAMOV, V.V., doktor tekhn.nauk; ASTROV, Ye.I., kand.tekhn.nauk; TIKHONOV, N.N., inzh.; RESHNIN, N.Ya., inzh.; LUPANOVA, O.K., kand.tekhn.nauk

Rated method of constructing diagrams for the tension of bimetals. Trudy GPI 19 no. 1:23-32 '63. (MIRA 17:7)

ASTROV, Ye.I., dots., kand.tekhn.nauk; TIKHONOV, N.N., inzh.

Deformability of rimmed steel with varying macrostructure. Izv. vys.ucheb.zav.; chern.met. no.10:97-104 O '58. (MIRA 11:12)

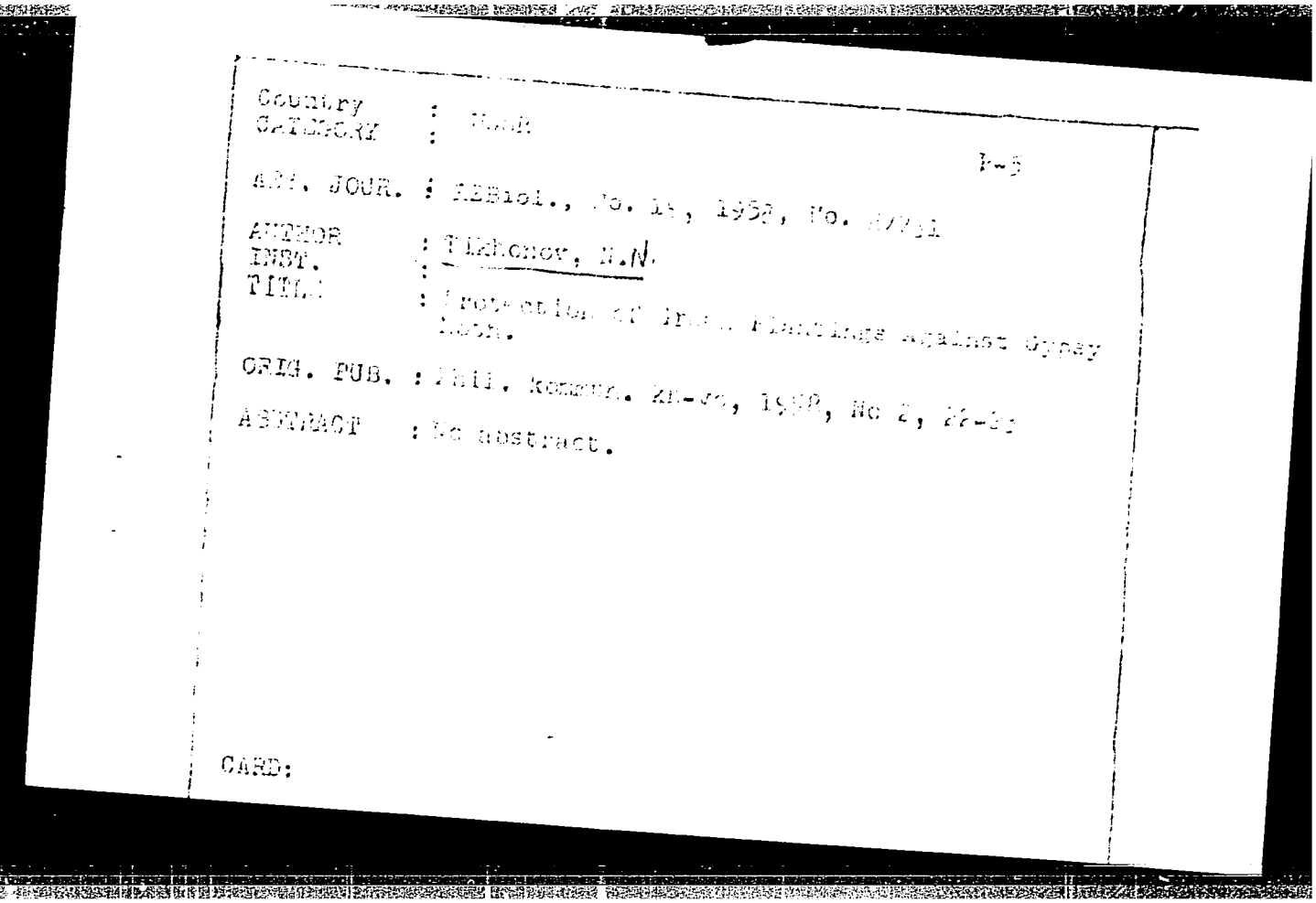
1. Gor'kovskiy politekhnicheskiy institut i Gor'kovskiy metallurgicheskiy zavod.
(Deformations (Mechanics)) (Steel--Metallography)

TIKHONOV, N. N.

Apple

Varieties of low-spreading apple trees. Sad i og. No. 1, 1952.

9. Monthly List of Russian Accessions, Library of Congress, May 1952, Uncl.



Country : Rumania
CATEGORY :

1-5

ABS. JOUR. : RZBiol., No. 15, 1958, No. 67711

AUTHOR : Tikhonov, N.N.
INST. :
TITL. : [illegible] of Insect Plantings against Gypsy Moth.

ORIG. PUB. : Zhur. Konsery. Ki-vo, 1957, No 2, 22-31

ABSTRACT : No abstract.

CARD:

Tikhonov, N.N.

25(1)

PHASE I BOOK EXPLOITATION SOV/2727

Obrabotka metallov davleniyem; sbornik statey, vyp. 5 (Metal Forming; Collection of Articles, No. 5) Moscow, Metallurgizdat, 1959. 197 p. 3,000 copies printed.

Scientific Ed.: L.Kh. Al'shevskiy, Candidate of Technical Sciences; Ed. of Publishing House: N.A. Valov; Tech. Ed.: A.I. Karasev.

PURPOSE: This collection of articles is intended for technical personnel and scientific workers in the metallurgical and machinery-construction industries.

COVERAGE: This collection of articles deals with problems of rolling and tube manufacture. Results of research done on roll design and new methods of determining basic manufacturing parameters in the production of tubes and other rolled shapes are presented. Methods of analyzing the kinematics of processes in helical piercing mills and rolling mills by means of motion pictures are discussed. Also discussed are several phenomena associated with tube rolling. No personalities are mentioned. References follow several of the articles.

Zasukha, P.F. [Engineer, Ural'skiy institut chernykh metallov (Ural Institute of Ferrous Metallurgy)]. Means of Increasing the Productivity of Mechanized Sheet Mills 53

This article deals with the results of an investigation conducted at the Severskiy Zavod (Severskiy Plant). N.S. Smirnov, I.V. Kakasov, E.R. Rims, and N.P. Shiriakin took part.

Astrov, Ye.I. [Candidate of Technical Sciences], A.I. Chichkanov, N.N. Tikhonov, V.N. Miryakova [Engineers], [Gor'kovskiy metallurgicheskiy zavod (Gor'kiy Metallurgical Plant)]. Rolling Kh17N2 Stainless Steel Into Universal Plates 62

The technique of heating and rolling ingots of Kh17N2 stainless steel in a universal rolling mill is described. Mechanical properties and structures obtained are discussed.

Gel'derman, L.S. [Candidate of Technical Sciences, Nauchno-issledovatel'skiy institut (Scientific Research Institute)]. Characteristics of the Macrostructure of Plates in Relation to Rolling Conditions 72

The mechanical properties of rolled open-hearth steel plates in relation to the rolling regime and initial shapes are discussed. Photographs of the macrostructures are presented.

Astrov, Ye.I. [Candidate of Technical Sciences]. Laminated Steels 83

A method of making laminated steel is discussed. Laminated ingots obtained by teeming in molds with distance plates are rolled to a desired thickness. This method is claimed to be the most efficient for mass production.

Chekmarev, A.P. [Academician, Academy of Sciences, UkrSSR], Ya.S. Finkel'shteyn [Candidate of Technical Sciences], and I.M. Inlenskiy [Engineer], [Institute of Ferrous Metallurgy, Academy of Sciences, UkrSSR, and Truboprokatnyy zavod imeni Lenina (Tube-rolling Mill imeni Lenin)]. Means of Intensifying the Piercing Process by Helical Rolling 94

Forces active in steady helical piercing are analyzed. Results of experiments in rolling are presented. Recommendations for intensifying the piercing process are made.

6/1

RUDENKO, M.S., inzh.; TIKHONOV, N.N., inzh.

Special problems in designing footings for the supports of the Yangtze bridge. Transp. stroi. 8 no.1:14-19 Ja '58.
(MIRA 12:12)
(Yangtze River--Bridges--Foundations and piers)

ABRAMOV, V.V., doktor tekhn. nauk; ASTROV, Ye.I., kand. tekhn. nauk; TIKHONOV, N.N., inzh.

Stresses caused by the hardening of laminated steel. Trudy GPI 17 no.3:24-31 '61. (MIRA 16:12)

TIKHONOV, N.N.; SEMENOVA, V.A.

Content of mediators in the blood in lead poisoning. Report No.1:Adrenaline content in the dynamics of lead poisoning in an experiment. Izv. AN Kazakh. SSR Ser. med. nauk no.2: 42-47 '63. (MIRA 16:10)
(LEAD POISONING) (ADRENALINE IN THE BODY)